

Serial No.: 10/015,091

2652  
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I hereby certify that this correspondence is being deposited with the United States Postal Service, with sufficient postage, as first class mail in an envelope addressed to: MS/ Non-fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



on October 1, 2004

Date of Deposit

Gustavo Siller, Jr., Reg. No. 32,305

Name of applicant, assignee or  
Registered Representative

Signature

October 1, 2004

Date of Signature

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Technology Center 2600

Our Case No. 9281/4223  
Client Ref. No. N US00101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Naoya HASEGAWA

Serial No.: 10/015,091

Filing Date: October 23, 2001

For: SPIN-VALVE THIN-FILM MAGNETIC  
ELEMENT WITHOUT SENSING  
CURRENT SHUNT AND THIN-  
FILM MAGNETIC HEAD  
INCLUDING THE SAME

Examiner: Miller, Brian E.

Group Art Unit: 2652

AMENDMENT AND RESPONSE

MS/Amendment  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This paper is submitted in response to the Office Action of July 2, 2004.  
The Claims begin on page 2, and the Remarks begin on page 15.



## CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:

Date: October 1, 2004Name: Gustavo Siller, Jr.

Signature:

BRINKS  
HOFFER  
GILSON  
& LIONE

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Naoya HASEGAWA	Examiner:	Miller, Brian E.
Serial No.:	10/015,091	Art Unit:	2652
Filed:	October 23, 2001		
For:	SPIN-VALVE THIN-FILM MAGNETIC ELEMENT WITHOUT SENSING CURRENT SHUNT AND THIN-FILM MAGNETIC HEAD INCLUDING THE SAME		
Attorney Docket No:	9281/4223	Client No.	N US00101

Mail Stop: Amendment  
Commissioner for Patents, P. O. Box 1450  
Alexandria, VA 22313-1450

## TRANSMITTAL

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Technology Center 2600

Sir:

Attached are:

- ☒ Transmittal Letter (in dup); Amendment and Response to Office Action of July 2, 2004 (18p);
- ☒ Return Receipt Postcard

Fee calculation:

- ☒ No additional fee is required.
- ☐ An extension fee in an amount of \$\_\_\_\_\_ for a \_\_\_\_\_-month extension of time under 37 C.F.R. § 1.136(a).
- ☐ An additional filing fee has been calculated as shown below:

					Small Entity			Not a Small Entity	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$9=			x \$18=	
Indep.		Minus			x 43=			x \$86=	
First Presentation of Multiple Dep. Claim					+\$145=			+\$290=	
					Total	\$		Total	\$

Fee payment:

- ☐ Please charge Deposit Account No. 23-1925 in the amount of \$\_\_\_\_\_. A copy of this Transmittal is enclosed for this purpose.
- ☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Respectfully submitted,

October 1, 2004

Date

  
Gustavo Siller, Jr. 32,305  
Attorney for Applicant